



Prof. Qin Siqing

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RESEARCH INTERESTS

Prof. Qin's major interests include engineering geology, rock mechanics and geotechnical engineering. He is one of the pioneers applying non-linear theories to engineering geology in China. In recent years, he has been focusing on **the physical prediction research of landslide and earthquake** and put forward the brittle failure theory of multiple locked segments.

EDUCATION

- 1989□1991 **Ph.D**, the Department of Mining Engineering, Northeastern University (China)
1986□1988 **MA**, the Department of Mining Engineering, Northeastern University (China)
1982□1986 **BA**, the Department of Geology, North China University of Water Resources and Electric Power

ACADEMIC EXPERIENCE

- 1998□Present **Professor**, Institute of Geology and Geophysics, Chinese Academy of Sciences
1994□1998 **Professorate Senior Engineer**, AVIC Survey and Design Institute Co., Ltd
1992□1994 **Post Doctor**, Institute of Engineering Geology, Chengdu University of Technology

HONORS

- 2009 **The Second Prize of the State Scientific and Technological Progress Award**, P.R.China
1997 **Richard Wolters' Prize**, International Association for Engineering Geology and the Environment

PUBLICATIONS

- 1991□Present Over 100 publications in peer-reviewed journals, including *Engineering Geology*, *Bulletin of Engineering Geology and the Environment*, *Geomorphology*, *International Journal of Rock Mechanics and Mining Sciences*, *Rock Mechanics and Rock Engineering*.

RECENT SUPPORTED PROJECTS

- 2020□2023 National Key Research and Development Project, No. 2019YFC1509701, Dynamic response law and failure mechanism of structure for prevention of landslide in strong-earthquake-active area
2018□2021 NSFC-Henan Joint Fund, No. U1704243, Evolution mechanism of the landslide with the potential locked segment and its dynamic-tracking early warning method in the western Henan province
2016□2019 National Science Foundation of China (NSFC), No. 41572311, Research on the self-similar failure mechanism of multi-layer nested locked segments and related physical prediction of instability